

Datasheet for ABIN7489423 **anti-MUC1 antibody (iFluor™647)**



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Overview

Quantity:	100 tests
Target:	MUC1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MUC1 antibody is conjugated to iFluor™647
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	MUC1 iFluor™ 647 Antibody
Immunogen:	Human Milk Fat Globule Membranes
Clone:	C-F2A
Isotype:	IgG2b, kappa
Characteristics:	The clone C-F2A, a mouse monoclonal antibody selectively binds to 500-1000 kD heterodimer transmembrane protein of the mucin family encoded in humans by the MUC1 gene known as MUC1 which also called as CD227. MUC1 is variably expressed on the surfaces of normal and malignant glandular and ductal epithelial cells, some hematopoietic cell lineages including subsets of T cells, B cells, monocytes, and dendritic cells. Due to its overexpression and aberrantly glycosylated in adenocarcinomas and in hematological malignancies, MUC1 (CD227) has been a target for tumor immunotherapeutic studies in mice and in humans.
Purification:	Purified

Product Details

Purity: >95 %

Grade: GMP Grade

Target Details

Target: MUC1

Alternative Name: MUC1 ([MUC1 Products](#))

Gene ID: 4311

NCBI Accession: [NC_00003](#)

UniProt: [P08473](#)

Pathways: [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: 2-8°C, Conjugated antibodies should never be frozen.